

Message Text

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TAGS: US,UR,TECH,TGEN,ENRG

SUBJECT: US-USSR ATOMIC ENERGY AGREEMENT: (07.0302)
EXCHANGES NOS. 4 AND 21
REF: STATE 47105
1. PLEASE DELIVER FOLLOWING MESSAGE TO G. A. ELISEEV
(KURCHATOV INSTITUTE) WITH COPY TO D. F. KHOKHLOVA (SCAE).

2. 07.0302 - MARCH 7, 1977

DR. G. A. ELISEEV
STATE COMMITTEE FOR THE UTILIZATION
--OF ATOMIC ENERGY
KURCHATOV INSTITUTE OF ATOMIC ENERGY
46 ULITSA KURCHATOVA
MOSCOW, USSR
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DEAR YURI:

SUBJECT: MAGNETIC MIRROR WORKSHOP (NO. 4): CONCEPTUAL
DESIGN OF INJECTOR WITH NEGATIVE ION BEAMS (NO. 21)
DRS. A. MOLVIK AND B. COHEN AT LIVERMORE HAVE BEEN MAKING
PLANS FOR THE MAGNETIC MIRROR WORKSHOP TO BE HELD IN JUNE.

THEY SUGGEST ARRIVAL IN WASHINGTON ON MAY 31 WITH ARRIVAL
IN CALIFORNIA ON JUNE 1. THE REMAINDER OF THE WEEK WILL BE

SPENT IN BECOMING FAMILIAR WITH THE MAGNETIC MIRROR PROGRAM
AT LIVERMORE.

FOR THE WEEK JUNE 6-11 THEY ARE PLANNING A MORE FORMAL
MEETING. THE TITLE WILL BE "US-USSR MIRROR WORKSHOP,"
AND THE MEETING WILL EMPHASIZE CROSS-FIELD PLASMA TRANSPORT
IN TANDEM MIRROR AND REVERSED FIELD CONFIGURATIONS. THEY
HOPE TO DRAW HEAVILY ON THE EXPERTISE, NOT ONLY OF PLASMA
PHYSICISTS SPECIALIZING IN MIRRORS, BUT ALSO OF TOROIDAL
THEORISTS, TO ANALYZE THE IMPORTANCE OF THE VARIOUS
PARTICLE AND ENERGY TRANSPORT MECHANISMS IN THESE NEW
CONFIGURATIONS. THE LIST OF INVITEES THEREFORE REFLECTS
BROADER INTERESTS THAN THOSE OF ATTENDEES AT PREVIOUS
WORKSHOPS.

THEY SUGGEST PARTICIPATION BY THE FOLLOWING USSR CITIZENS,
OR THEIR EQUIVALENTS:

G. I. DIMOV, V. P. PASTUKHOV, B. B. KADOMTSEV,
O. P. POGUTSE, A. B. MIKHAILOVSKY, R. Z. SAGDEEV,
A. A. GALEEV, AND A. D. TIMOFEEV.

TO INCREASE THE EFFECTIVENESS OF THE WORKSHOP, THEY PLAN
TO INVITE SOON THREE ADDITIONAL PEOPLE FROM OUTSIDE THE
U.S.:

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ONE FROM CULHAM, U.K.: J. B. TAYLOR, R. J. HASTIE,
J. CORDEY OR C. WATSON;

ONE FROM FRANCE: G. LAVAL, R. PELLAT, OR EQUIVALENT; AND
ONE FROM JAPAN.

THE U.S. INVITEES HAVE NOT YET BEEN COMPLETELY DETERMINED;
HOWEVER THE PLAN IS TO KEEP THE GROUP SMALL TO FIT

AVAILABLE FACILITIES AND TO KEEP THE WORKSHOP A WORKSHOP,
RATHER THAN A CONFERENCE.

THE WEEK STARTING JUNE 13 WOULD BE AVAILABLE FOR ADDITIONAL
WORK AT LIVERMORE. PARTICIPATION IN THE GORDON CONFERENCE
STARTING ON JUNE 20 COULD PROBABLY BE ARRANGED ALSO.

CONCEPTUAL DESIGN OF INJECTOR WITH NEGATIVE ION BEAMS
(NO. 21)

THE FULL BIOGRAPHICAL DATA ON THE U.S. PARTICIPANTS IS
PROVIDED BELOW.

JACK WILLIAM BEAL, PHYSICIST, ERDA
BORN JUNE 1, 1938, COFFEYVILLE, KANSAS

THEODORUS JOSEPHUS MARIA SLUYTERS, PHYSICIST,
BROOKHAVEN NATIONAL LABORATORY, BORN MARCH 13, 1928,
ZUTPHEN, NETHERLANDS

JOHN ROBERT HISKES, PHYSICIST, LAWRENCE LIVERMORE
--LABORATORY, BORN MAY 30, 1928, CHICAGO, ILLINOIS

EDWIN BICKFORD HOOPER, JR., PHYSICIST, LAWRENCE LIVERMORE
--LABORATORY, BORN JUNE 18, 1937, BREMERTON, WASHINGTON

GERD SCHILLING (NO MIDDLE INITIAL) PHYSICIST, OAK RIDGE
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--NATIONAL LABORATORY, BORN OCTOBER 6, 1939,
--HANOVER, FEDERAL REPUBLIC OF GERMANY

ALL PARTICIPANTS ARE U.S. CITIZENS EXCEPT DR. SLUYTERS
WHO IS A DUTCH CITIZEN.

BEST REGARDS,

ROBERT L. BINGHAM
COORDINATOR FOR PLANS

VANCE

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Message Attributes

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